

To: CN=Jayne Carlin/OU=R10/O=USEPA/C=US@EPA[]
Cc: []
From: CN=Jayne Carlin/OU=R10/O=USEPA/C=US
Sent: Mon 6/13/2011 9:37:10 PM
Subject: 4b papers on EPA 303(d) program website and 2 Yellow Jacket Docs
[Category 4b - National Status and Trends \(PDF\)](#)
[Hotspot](#)
[Category 4b Demonstration for Atrazine Impaired Waters in the Little Arkansas River Subbasin, Kansas \(PDF\)](#)
[about PDF](#)
[Category 4b Demonstration for Petroleum Hydrocarbon Impaired Waters in the Kenai River, Alaska \(PDF\)](#)
[Category 4b Demonstration for Pathogen Impaired Tributaries to Puget Sound in Kitsap County, Washington \(PDF\)](#)
[Hotspot](#)
[Category 4b Demonstration for Point Source Impaired Waters and the Permit in Lieu of a Total Maximum Daily Load Process for the State of Missouri \(PDF\)](#)

---- Forwarded by Jayne Carlin/R10/USEPA/US on 06/13/2011 02:37 PM ----

From: David Powers/R10/USEPA/US
To: David Croxton/R10/USEPA/US@EPA, FOSTER.Eugene@deq.state.or.us, Helen Rueda/R10/USEPA/US@EPA, Jill Gable/R10/USEPA/US@EPA, LOBOY Zach <LOBOY.Zach@deq.state.or.us>, Michie.Ryan@deq.state.or.us, waltz.david@deq.state.or.us, Jayne Carlin/R10/USEPA/US@EPA, Tracy Chellis/R10/USEPA/US@EPA, Alan Henning/R10/USEPA/US@EPA, Waltz.David@deq.state.or.us, LINDBERG.Bobbi@deq.state.or.us
Date: 05/03/2011 05:25 PM
Subject: Fw: 4b papers on EPA 303(d) program website and 2 Yellow Jacket Docs

Eric Monschein sent me five 4b publications with links. Also attached are the YellowJacket (Cispus Watershed) WQRP and EPA's analysis for including Yellow Jacket in category 4b in WA Ecology's integrated report. The rationale in the Yellowjacket4b.doc is worth checking out...it would likely be very similar to the federal lands piece of the mid-Coast TMDL for USFS lands.

[attachment "Yellowjacket4b.doc" deleted by Jayne Carlin/R10/USEPA/US] [attachment "WQRPfinNov.cispus.yjacket.doc" deleted by Jayne Carlin/R10/USEPA/US]

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----- Forwarded by David Powers/R10/USEPA/US on 05/03/2011 04:11 PM -----

From: Eric Monschein/DC/USEPA/US
To: David Powers/R10/USEPA/US@EPA
Cc: Tracy Chellis/R10/USEPA/US@EPA
Date: 05/03/2011 04:04 PM
Subject: 4b WEF papers on EPA 303(d) program website

Dave - provided below is the link to the 4b papers I mentioned. Note that these are not the actual administrative record that would have more detail. Rather, the papers are meant to highlight/summarize

what we think are relatively good 4b examples - not only in terms of the strength of actual rationales provided but the breadth of approaches that could work for 4b. We probably could have included Yellowjacket, but at the time Laurie and I thought it best to work with Ecology on summarizing the Kitsap example. Lee's Bear Valley in Idaho would likely be another good candidate to look at for a forestry example. Although, keep in mind that EPA has yet to take formal action on that proposal. Drop me a line if you want to chat about any of the papers below. Sometimes the devil is in the details and it's worth talking about what's not discussed in the papers.

<http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/planning.cfm>

Publication: Category 4b - National Status and Trends (PDF) (24pp, 250K), August 2009

This paper provides an overview of the 4b alternative to TMDLs and provides general statistics on types and numbers of 4b projects to date. Published in the Water Environment Federation's TMDL2009 conference proceedings.

Publication: Category 4b Demonstration for Atrazine Impaired Waters in the Little Arkansas River Subbasin, Kansas (PDF) (15 pp., 250 K, about PDF), August 2009

This paper describes a case study that followed the 4b process alternative to TMDLs in Kansas and provides the results of that study. Published in the Water Environment Federation's TMDL2009 conference proceedings.

Publication: Category 4b Demonstration for Petroleum Hydrocarbon Impaired Waters in the Kenai River, Alaska (PDF) (10pp, 133K), August 2009

This paper describes a case study that followed the 4b process alternative to TMDLs in Alaska and provides the results of that study. Published in the Water Environment Federation's TMDL2009 conference proceedings.

Publication: Category 4b Demonstration for Pathogen Impaired Tributaries to Puget Sound in Kitsap County, Washington (PDF) (9pp, 54K), August 2009

This paper describes a case study that followed the 4b process alternative to TMDLs in Washington and provides the results of that study. Published in the Water Environment Federation's TMDL2009 conference proceedings.

Publication: Category 4b Demonstration for Point Source Impaired Waters and the Permit in Lieu of a Total Maximum Daily Load Process for the State of Missouri (PDF) (9pp, 38K), August 2009

This paper describes a case study that followed the 4b process alternative to TMDLs in Missouri and provides the

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